



Express Mailing Label No. EV 100 810 071 US

PATENT APPLICATION
Docket No: 15689.86

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of)
Mayu Yamada et al.)
Serial No.: 10/045,437) Art Unit
) 2661
Filing Date: November 7, 2001)
Confirmation No.: 9970)
For: TIME SLOT ASSIGNMENT METHOD AND)
APPARATUS IN MOBILE COMMUNICATION)
SYSTEM)

CHANGE OF ATTORNEY DOCKET NUMBER

Honorable Commissioner of Patents
and Trademarks
Washington, D. C. 20231

Sir:

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OCT 28 2002

Technology Center 2000

For convenience and ready identification of the papers received in connection with the
above-identified patent application, please reference in all future communications my Docket
No. 15689.86. All communications should remain addressed to the undersigned:

ADRIAN J. LEE
WORKMAN, NYDEGGER & SEELEY
1000 Eagle Gate Tower
60 East South Temple
Salt Lake City, Utah 84111
(801) 533-9800

Dated this 25th day of October, 2002.

Respectfully submitted,



ADRIAN J. LEE
Attorney for Applicant
Registration No. 42,785



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PATENT TRADEMARK OFFICE

AJL:jrj



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REVOCATION AND SUBSTITUTE POWER OF ATTORNEY

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Honorable Commissioner of Patents
and Trademarks
Washington, DC 20231

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Sir:

The undersigned, Yoshitaro Shimanuki, declares: that he is the Intellectual Property Executive Manager of NTT DoCoMo, Inc., and that he is authorized to execute this Revocation and Substitute Power of Attorney on behalf of NTT DoCoMo, Inc.; and that NTT DoCoMo, Inc. is the assignee of the entire interest of the above-identified application, as shown by the assignment recorded in the United States Patent Office at Reel 012488, Frame 0957, a copy of said assignment is attached at Exhibit A hereto; and that the attached assignment has been reviewed by him, and to the best of his knowledge and belief title is in the assignee NTT DoCoMo, Inc.. The assignee, NTT DoCoMo, Inc., hereby revokes all previous powers of attorney in the above-identified application, and now hereby appoints all attorneys under customer number:



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PATENT TRADEMARK OFFICE

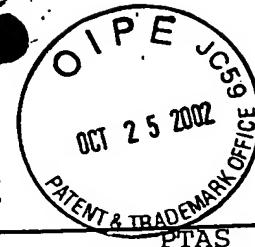
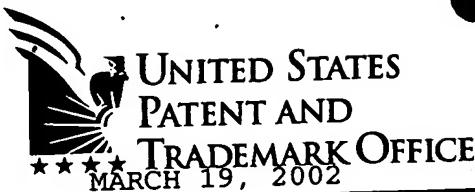
of WORKMAN, NYDEGGER & SEELEY, 1000 Eagle Gate Tower, 60 East South Temple, Salt Lake City, Utah 84111, as attorneys with full power of substitution and revocation, to prosecute said application, to make alterations and amendments therein, to receive the Letters Patent, and to transact all business in the Patent and Trademark Office connected therewith. The declarant further declares that all statements made herein of his own knowledge are true; and further that these statements were made with the knowledge that willful, false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful, false statements may jeopardize the validity of the application or any patent issuing thereon. All correspondence and telephonic communications should be directed to:

ADRIAN J. LEE
WORKMAN, NYDEGGER & SEELEY
1000 Eagle Gate Tower
60 East South Temple
Salt Lake City, Utah 84111

All previous powers of attorney are hereby revoked.

Signed this 30 day of September, 2002.

Yoshitaro Shimanuki
Intellectual Property Executive Manager
NTT DoCoMo, Inc.
11-1, Nagatacho 2-Chome
Chiyoda-Ku
Tokyo 100-6150, Japan



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Chief Information Officer
Washington, DC 20231
www.uspto.gov

BROWN RAYSMAN MILLSTEIN FELDER &
STEINER LLP
RALPH F. HOPPIN
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NEW YORK, NEW YORK 10022



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UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 11/07/2001

REEL/FRAME: 012488/0957
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNEE:
YAMADA, MAYU

DOC DATE: 10/29/2001

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ASSIGNEE:
FUTAKATA, TOSHIYUKI

DOC DATE: 10/29/2001

ASSIGNEE:
MOON, SUNG UK

DOC DATE: 10/29/2001

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ASSIGNEE:
NTT DOCOMO, INC.
11-1, NAGATACHO 2-CHOME, CHIYODA-
KU
TOKYO, JAPAN 100-6150

SERIAL NUMBER: 10045437
PATENT NUMBER:

FILING DATE: 11/07/2001
ISSUE DATE:

RECORDS UPDATED
04/05/02

012488/0957 PAGE 2

DOROTHY BASMA, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS



01-25-2002

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II - PATENT & TRADEMARK OFFICE RECO

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PATENTS ONLY

1004543
11/07/01
1004543
11/07/01

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Mayu YAMADA; Toshiyuki FUTAKATA; Sung Uk
MOON

2. Name and address of receiving party(ies):

Name: NTT DoCoMo, Inc.

Internal Address:

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other _____

Street Address: 11-1, Nagatacho 2-chome,
Chiyoda-ku

City: Tokyo Country: JAPAN ZIP: 100-6150

Execution Date: October 29, 2001

Additional name(s) & address(es) attached? Yes No

4. Application number(s) or patent number(s) 1004543

If this document is being filed together with a new application, the execution date of the application is: Oct. 29, 2001

A. Patent Application No.(s)

B. Patent No.(s)

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Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

BROWN RAYSMAN MILLSTEIN FELDER & STEINER LLP
900 Third Avenue
New York, New York 10022
(212) 895-2000

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00

Check enclosed

Authorized to be charged to deposit account

8. Deposit account number: 02-4270
(Attach duplicate copy of this page by deposit account)
Please charge any additional fees required, or credit any overpayment, to the above deposit account

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document

Ralph F. Hoppin, Reg. No. 38,494

Ralph F. Hoppin

Nov. 7, 2001

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments and document: 3

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks
Box Assignments
Washington, D.C. 20231

01/22/2002 EFLORES 00000141 10045437
02 FC:581 40.00 0P

BRMFS1 277514v1

ASSIGNMENT

WHEREAS, we, 1) Mayu YAMADA, 2) Toshiyuki FUTAKATA, and
3) SUNG UK MOON

a citizen of Japan,

residing at

- 1) 1-1-6-502, Mutsuura, Kanazawa-ku, Yokohama-shi, Kanagawa 236-0031, Japan,
- 2) A-612, 1-14, Nagasawa, Yokosuka-shi, Kanagawa 239-0842, Japan, and
- 3) 1-34-503, Sakaecho, Kinugasa, Yokosuka-shi, Kanagawa 238-0031, Japan

have invented one or more inventions (hereinafter referred to as "said invention(s)") disclosed in an application for Letters Patent of the United States titled

TIME SLOT ASSIGNMENT METHOD AND APPARATUS IN MOBILE COMMUNICATION SYSTEM

(hereinafter referred to as "said application"), said application having been executed on even date herewith or filed on _____ and assigned application Serial No. _____

WHEREAS, NTT DoCoMo, Inc.,
(hereinafter together with its successors and assigns referred to as "the Assignee"), a Japanese corporation, having a place of business at

11-1, Nagatacho 2-chome, Chiyoda-ku, Tokyo 100-6150, Japan

is desirous of obtaining all right, title and interest in, to and under said invention(s) and said application; and

NOW, THEREFORE, for good and valuable considerations, the receipt and sufficiency of which we hereby acknowledge, we have sold, assigned, transferred and set over, and by these presents hereby sell, assign, transfer and set over to the Assignee all right, title and interest in, to and under said invention(s) and said application, including the right to apply for any Letters Patent of the United States of America and in any and all foreign countries on said invention(s), and any and all other applications for Letters Patent on said invention(s), in whatsoever countries, including all divisional, renewal, substitute, continuation, continuation-in-part and convention applications based in whole or in part upon said invention(s) or upon said application, and any and all Letters Patent which may issue thereon in the United States and foreign countries, and any and all reissues, extensions, renewals, divisions, continuations or continuations-in-part of Letters Patent granted for said invention(s) or upon said applications, to the full term or terms for which said Letters Patent may be issued, and every priority right that is or may be predicated upon or arise from said invention(s), said application and said Letters Patent, the same to be held and enjoyed by the Assignee for its own use and benefit fully and entirely as if the same would have been held and enjoyed by us had this Assignment not been made. We hereby authorize the Assignee to file patent applications in any and all countries on any or all of said invention(s) in our names, or in its name, or otherwise as the Assignee may deem advisable, under the International Convention or otherwise.

We hereby authorize the Commissioner of Patents and Trademarks of the United States, and any official of any other country empowered to issue patents, to record this Assignment, and to issue or transfer all said Letters Patent on said invention(s) to the Assignee as owner of all right, title and interest therein, or otherwise as the Assignee may direct, in accordance with the terms of this Assignment.

We hereby represent and warrant that we have the full right to convey the entire right and interest herein assigned, that there are no rights or interests outstanding inconsistent with the rights and interests granted herein, and that we will not execute any instrument or grant or transfer any rights or interests inconsistent with the rights and interests granted herein.

We hereby covenant and agree that we will, upon request of the Assignee, communicate to the Assignee any facts known to us relating to said invention(s) and the history thereof, testify in any legal proceeding, execute all lawful papers including without limitation all divisional, continuing and reissue applications and all rightful oaths and declarations, and generally do all further acts which may be deemed necessary by the Assignee to obtain and enforce proper patent protection for said invention(s) in all countries.

IN TESTIMONY WHEREOF, we have executed this document on the date indicated below.

Date:

October 29, 2001

Mayu Yamada

(Signature) Mayu YAMADA

Date:

October 29, 2001

Toshiyuki Futakata

(Signature) Toshiyuki FUTAKATA

Date:

October 29, 2001

Sung Uk Moon

(Signature) SUNG UK MOON